AMENDMENT TRANSMITTAL LETTER					Docket No. CTCH-P01-016	
Application No.		Filing Date		Examine		Art Un
10/656531		September 5, 2003		Not Yet Assi	gned	1645
plicant(s): Bal						
ention: USE C		THE COMMI	··	TE GENE TARGE	TING	
ransmitted here				ied application.		
	n calculated an			• •		
		CLAIM	S AS AMENI	DED	•	-
	Claims	Highest			1	
	Remaining After	Number Previously	Number Extra Claims			
Total Claims	Amendment 44	Paid - 44 =	Present	Rate X		
Independent	10	- 10 =		X	<u> </u>	
Claims						
Multiple Depend	dent Claims (ch	eck if applicabl	e)			
Other fee (pleas		OR THIS AME	NDMENT:			0.00
TOTAL ADDIT	IONAL FEE FO	OR THIS AME	NDMENT:	x Small Entit		0.00
TOTAL ADDIT	IONAL FEE FO			x Small Entit	y	0.00
TOTAL ADDIT Large Entity X No additiona	IONAL FEE FO	ed for this amer	ndment.			0.00
TOTAL ADDIT Large Entity X No additional	IONAL FEE FO	ed for this amer	ndment.	x Small Entit		0.00
TOTAL ADDIT Large Entity X No additional Please char A duplicate	rional FEE Formal FEE Formal FEE Formal FEE Formal FEE FOR FEE	ed for this amer count No. eet is enclosed	ndment. ii	n the amount of \$		0.00
TOTAL ADDIT Large Entity No additional Please char A duplicate A check in t	rIONAL FEE FO al fee is require ge Deposit Acc copy of this she he amount of \$	ed for this amer count No. eet is enclosed	ndment. ii l. to cover			0.00
TOTAL ADDIT Large Entity No additional Please char A duplicate A check in the payment by	rIONAL FEE FO al fee is require ge Deposit Acc copy of this she he amount of \$ credit card. Fo	ed for this amer count No. eet is enclosed orm PTO-2038	ndment. indicated in the cover is attached.	n the amount of \$ the filing fee is en	closed.	•
TOTAL ADDIT Large Entity X No additional Please char A duplicate A check in the Director X The Director	rIONAL FEE FO al fee is require ge Deposit Acc copy of this she he amount of \$ credit card. Fo	ed for this amer count No. eet is enclosed orm PTO-2038	ndment. indicate in the cover is attached. ge and credit	n the amount of \$ the filing fee is en Deposit Account I	closed.	0.00
TOTAL ADDIT Large Entity X No additional Please char A duplicate A check in the Director as described	rional FEE FO	ed for this amer count No. eet is enclosed orm PTO-2038 norized to charactericate copy of	ndment. indicate in the cover is attached. ge and credit	n the amount of \$ the filing fee is en Deposit Account I	closed.	•
TOTAL ADDIT Large Entity X No additional Please char A duplicate A check in the Director as described X Credit a	ris hereby author below. A dupony overpaymen	ed for this amer count No. eet is enclosed orm PTO-2038 norized to charactericate copy of	to cover is attached. ge and credit this sheet is e	the amount of \$ the filing fee is en Deposit Account I	closed.	
TOTAL ADDIT Large Entity X No additional Please char A duplicate A check in the Director as described X Credit a	ris hereby author below. A dupony overpaymen	ed for this amer count No. eet is enclosed orm PTO-2038 norized to charactericate copy of	to cover is attached. ge and credit this sheet is e	n the amount of \$ the filing fee is en Deposit Account I	closed.	
TOTAL ADDIT Large Entity X No additional Please char A duplicate A check in the Director as described X Credit at X Charge	ris hereby author below. A dupony overpaymen	ed for this amer count No. eet is enclosed orm PTO-2038 norized to charactericate copy of	to cover is attached. ge and credit this sheet is e	the amount of \$ the filing fee is en Deposit Account I	closed.	1945 6 and 1.17
TOTAL ADDIT Large Entity X No additional Please char A duplicate A check in the Director as described X Credit at Charge Z. Angela Quo X Angela Quo	al fee is require ge Deposit Accopy of this she amount of \$ credit card. For is hereby authors below. A dup ny overpayment any additional fill	ed for this amer count No. eet is enclosed orm PTO-2038 norized to charactericate copy of	to cover is attached. ge and credit this sheet is e	the amount of \$ the filing fee is en Deposit Account I enclosed. fees required under	closed. No. 18-	1945 6 and 1.17
TOTAL ADDIT Large Entity X No additional Please char A duplicate A check in the Director as described X Credit at X Charge Z. Angela Guo Attorney Reg. I	al fee is required below. A dupling overpayment any additional fill.	ed for this amer count No. eet is enclosed orm PTO-2038 norized to charactericate copy of	to cover is attached. ge and credit this sheet is e	the amount of \$ the filing fee is en Deposit Account I enclosed. fees required under	closed. No. 18-	1945 6 and 1.17
TOTAL ADDIT Large Entity X No additional Please char A duplicate A check in the Director as described X Credit at Charge X Charge Z. Angela Guo Attorney Reg. If ROPES & GRA One Internation	al fee is required below. A dupling overpayment any additional fill below. 54,144 AY LLP hal Place	ed for this amer count Noeet is enclosed orm PTO-2038 norized to chara- olicate copy of the ont.	to cover is attached. ge and credit this sheet is e	the amount of \$ the filing fee is en Deposit Account I enclosed. fees required under	closed. No. 18-	1945 6 and 1.17
TOTAL ADDIT Large Entity X No additional Please char A duplicate A check in the Director as described X Charge X Charg X Charge X Charge X Charge X Charge X Charge X Charge X	al fee is required to person of this she amount of \$1 credit card. For is hereby authors any additional fill of the control of \$2 credit card. For is hereby authors any additional fill of \$2 credit card. For is hereby authors any additional fill of \$2 credit card. For is hereby authors any additional fill of \$2 credit card. For its hereby authors any additional fill of \$2 credit card. For its hereby authors any additional fill of \$2 credit card. For its hereby authors any additional fill of \$2 credit card. For its hereby authors any additional fill of \$2 credit card. For its hereby authors are also and the second card. For its hereby authors are also and the second card. For its hereby authors are also and the second card. For its hereby authors are also and the second card. For its hereby authors are also and the second card. For its hereby authors are also and the second card. For its hereby authors are also and the second card. For its hereby authors are also and the second card. For its hereby authors are also and the second card. For its hereby authors are also and the second card. For its hereby authors are also and the second card. For its hereby authors are also and the second card. For its hereby authors are also and the second card. For its hereby authors are also and the second card. For its hereby authors are also and the second card. For its hereby also are also and the second card. For its hereby also are also and the second card. For its hereby also are also and the second card. For its hereby authors are also and the second card. For its hereby also are also and the second card. For its hereby also are also and the second card. For its hereby also are also and the second card. For its hereby also are also are also and the second card. For its hereby also are also are also are also are also are also are also also are al	ed for this amer count Noeet is enclosed orm PTO-2038 norized to chara- olicate copy of the ont.	to cover is attached. ge and credit this sheet is e	the amount of \$ the filing fee is en Deposit Account I enclosed. fees required under	closed. No. 18-	1945 6 and 1.17
TOTAL ADDIT Large Entity X No additional Please char A duplicate A check in the Director as described X Credit at Charge X Charge Z. Angela Guo Attorney Reg. If ROPES & GRA One Internation	al fee is required to person of this she amount of \$1 credit card. For is hereby authors any additional fill of the control of \$2 credit card. For is hereby authors any additional fill of \$2 credit card. For is hereby authors any additional fill of \$2 credit card. For is hereby authors any additional fill of \$2 credit card. For its hereby authors any additional fill of \$2 credit card. For its hereby authors any additional fill of \$2 credit card. For its hereby authors any additional fill of \$2 credit card. For its hereby authors any additional fill of \$2 credit card. For its hereby authors are also and the second card. For its hereby authors are also and the second card. For its hereby authors are also and the second card. For its hereby authors are also and the second card. For its hereby authors are also and the second card. For its hereby authors are also and the second card. For its hereby authors are also and the second card. For its hereby authors are also and the second card. For its hereby authors are also and the second card. For its hereby authors are also and the second card. For its hereby authors are also and the second card. For its hereby authors are also and the second card. For its hereby authors are also and the second card. For its hereby authors are also and the second card. For its hereby authors are also and the second card. For its hereby also are also and the second card. For its hereby also are also and the second card. For its hereby also are also and the second card. For its hereby authors are also and the second card. For its hereby also are also and the second card. For its hereby also are also and the second card. For its hereby also are also and the second card. For its hereby also are also are also and the second card. For its hereby also are also are also are also are also are also are also also are al	ed for this amer count Noeet is enclosed orm PTO-2038 norized to chara- olicate copy of the ont.	to cover is attached. ge and credit this sheet is e	the amount of \$ the filing fee is en Deposit Account I enclosed. fees required under	closed. No. 18-	1945 6 and 1.17

9798246_1

AUG 2 2 2005 CONTRACTOR IN THE PERSON OF THE

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P. Box 1450, Alexandria, VA

22313-1450, on the date shown below.

Signature:

Docket No.: CTCH-P01-016 (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Baltimore et al.

Application No.: 10/656,531

Confirmation No.: 8769

Filed: September 5, 2003

Art Unit: 1652

For:

USE OF CHIMERIC NUCLEASES TO

STIMULATE GENE TARGETING

Examiner: Charles L. Patterson, Jr.

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

AMENDMENT AND REPLY TO OFFICE ACTION UNDER 37 CFR § 1.111

Sir:

This amendment is being filed in reply to the outstanding Office Action mailed May 19, 2005, in connection with the above application. Please enter the following amendments and remarks:

Amendments to the Specification beginning on page 2 of this paper;

Amendments to the Claims reflected in the listing of claims which begins on page 3 of this paper; and

Remarks/Arguments beginning on page 9 of this paper.